



DENALI COMMISSION

Improving Lives Through Cost Effective, Sustainable Infrastructure Development

DRAFT FY 2018 INVESTMENT PLAN

23 June 2017

line	PROGRAM and TYPE of INVESTMENT		Unmet Need	FY2018 FUNDING SOURCES				
				Base <sup>a</sup>	TAPL <sup>b</sup>	USDOT <sup>c</sup>	Match <sup>d</sup>	Total
				\$12,000,000	\$1,700,000	\$1,200,000	\$9,650,000	\$24,550,000
2	ENERGY RELIABILITY and SECURITY							
3		Diesel Power Plants	\$200 million <sup>m</sup>	\$3,800,000			\$1,330,000	\$5,130,000
4		Interties	\$250 million <sup>n</sup>					
5		Wind / Microgrids	\$2 billion <sup>o</sup>					
6		Hydro, Biomass, Geothermal & Other Renewables						
7		Hydrokinetic & Other Emerging Technologies						
8		Audits, TA, & Community Energy Efficiency Improvements	see note p	\$500,000			\$500,000	\$1,000,000
9		RPSU Maintenance & Improvement Projects <sup>e</sup>	\$20 million/yr <sup>q</sup>	\$2,200,000			\$2,200,000	\$4,400,000
10		Improve Administrative and Operation & Maintenance Practices		\$300,000			\$300,000	\$600,000
11	Subtotal			\$6,800,000			\$4,330,000	\$11,130,000
12	BULK FUEL SAFETY and SECURITY							
13		New/Refurbished Facilities <sup>f</sup>	\$170 million <sup>r</sup>		\$1,200,000		\$420,000	\$1,620,000
14		Maintenance & Improvement Projects	\$13 million/yr <sup>s</sup>		\$300,000		\$300,000	\$600,000
15		Improve Administrative and Operation & Maintenance Practices		\$200,000	\$200,000		\$400,000	\$800,000
16	Subtotal			\$200,000	\$1,700,000		\$1,120,000	\$3,020,000
17	TRANSPORTATION SYSTEM IMPROVEMENTS							
18		Roads	see note t					
19		Boardroads/Geotrails						
20		Docks						
21		Barge Landings & Mooring Points						
22		Maintenance & Improvements				\$1,200,000	\$1,200,000	\$2,400,000
23	Subtotal					\$1,200,000	\$1,200,000	\$2,400,000
24	VILLAGE INFRASTRUCTURE PROTECTION <sup>g</sup>							
25		Mertarvik <sup>h</sup>	\$124 million <sup>u</sup>	\$1,000,000			\$3,000,000	\$4,000,000
26		Shishmaref <sup>i</sup>	\$37 million <sup>v</sup>	\$1,500,000			\$0	\$1,500,000
27		Shaktoolik <sup>j</sup>	\$32 million <sup>v</sup>	\$250,000			\$0	\$250,000
28		Kivalina <sup>k</sup>	\$33 million <sup>v</sup>	\$250,000			\$0	\$250,000
29		Program Development and Support for Other Vulnerable Communities <sup>l</sup>	see note w	\$2,000,000			\$0	\$2,000,000
30	Subtotal			\$5,000,000			\$3,000,000	\$8,000,000
31	TOTALS			\$12,000,000	\$1,700,000	\$1,200,000	\$9,650,000	\$24,550,000
32	Balance Remaining			\$0	\$0	\$0	\$0	\$0
33	Commission vs. Match Totals			\$14,900,000			\$9,650,000	
34	Match Ratio			0.65				

Notes:

a. Program funds available from the assumed overall FY2018 Energy & Water appropriation + prior year unobligated funds + anticipated recoveries; if the final Base appropriation is less than the \$15M referenced in the reauthorization language contained in the WIIN Act (Public Law 114-322), the Federal Co-Chair shall reduce investments to balance the FY2018 Workplan

b. Assumed FY2018 allocation + anticipated recoveries

c. Prior year funds and anticipated recoveries; oversight by the Transportation Advisory Committee (TAC)

d. Required and/or other match funds leveraged from public and private partners, e.g., State of Alaska, other federal agencies, ANTHC, VW Settlement fund, AEA, AVEC, Rasmuson Foundation and other philanthropic organizations; assume average of 35% required match for new energy and bulk fuel capital projects (20% for distressed communities and 50% for non-distressed); 100% match goal for other energy and bulk fuel investments and all transportation program investments; VIP program match goals based on current status of discussions/coordination with state and other federal agencies for construction projects

e. Complement/leverage EPA DERA and VW Settlement fund, general facility and transmission line upgrades

f. Some priority given to projects on existing priority lists that are in environmentally threatened communities

g. Previously referred to as the Environmentally Threatened Community Program

h. Local coordinator, Project Management services, infrastructure development

i. Local coordinator, new town-site planning and design, professional project management services

j. Local coordinator, administrative support, match/gap funding

k. Local coordinator, administrative support, match/gap funding

l. Grant Center of Excellence, mitigation/emergency fund, Hazard Mitigation Plan related initiatives, data analysis, partner support, government coordination, public outreach/public involvement

m. Estimate by AEA in May 2017

n. Estimate by AVEC in May 2017

o. February 2012 Commonwealth North report

p. Undocumented, but certainly hundreds of millions

q. AEA recommends \$20 million per year to protect, maintain and sustain existing infrastructure (ref: Alaska Affordable Energy Strategy, January 2017)

r. Estimate by AEA in May 2017

s. AEA recommends \$13 million per year to protect, maintain and sustain existing infrastructure (ref: Alaska Affordable Energy Strategy, January 2017)

t. Undocumented, but certainly many billions

u. Reference 15 May 2017 letter from Governor Walker to the White House OMB Director

v. February 2017 estimate of immediate needs compiled by Commission VIP staff; does not include the cost of evacuation roads in Kivalina and Shaktoolik

w. Undocumented, but certainly hundreds of millions

x. All investment amounts shown for funds directly managed by the Commission are Not To Exceed amounts, i.e., "Up To" amounts

y. Any current year or prior year Base, TAPL or other amounts that are not fully expended may be reassigned to other programs identified in the current year Workplan, above and beyond the Up To amounts

z. The Federal Co-Chair may assign up to \$250,000 of prior year Base funds that may become available to Health Care, Housing an/or Workforce Development projects recommended by the Director of Programs